<p align="center">**Project Design Phase-II**
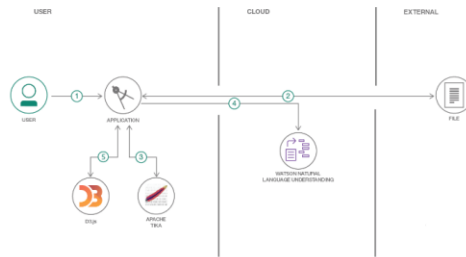**Data Flow Diagram & User Stories**</p>

Date	25 June 2025
Team ID	LTVIP2025TIMID20837
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
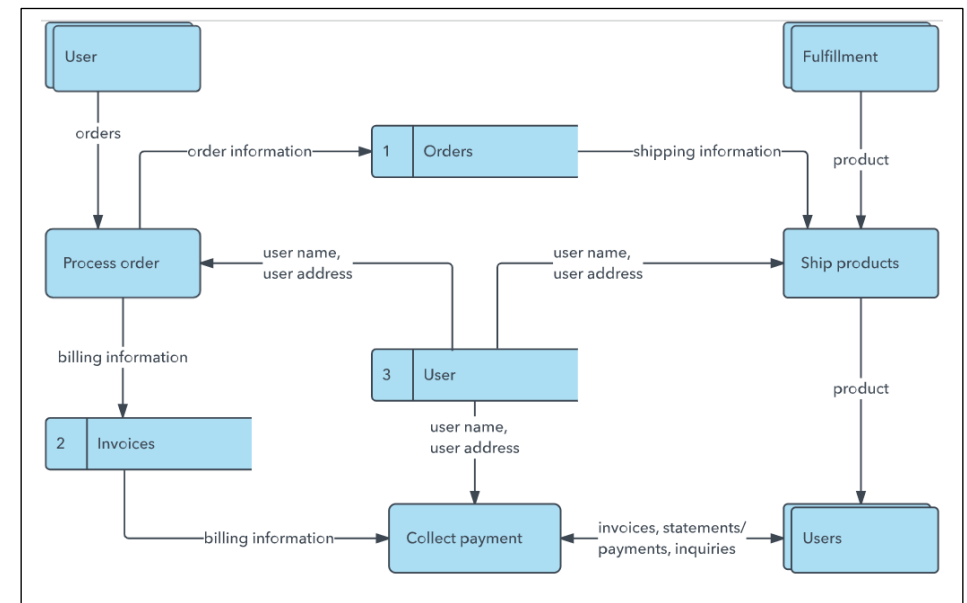
Example: (Simplified)

Flow

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)	Dashboard Interaction	USN-6	As a user, I can filter toy data by region and category to explore trends.	Filtered data updates graphs and maps correctly.	High	Sprint-1
Customer (Web user)	Survey Participation	USN-7	As a user, I can submit a toy preference survey	Survey data is successfully submitted and reflected in summary charts.	Medium	Sprint-2
Customer Care Executive	View Reports	USN-8	As a care executive, I can view toy performance reports by region.	I can generate reports using filters like state and toy type.	High	Sprint-2
Customer Care Executive	Access Feedback	USN-9	As a care executive, I can view survey feedback to identify popular toys.	I can see ranked results from submitted surveys.	Medium	Sprint-3
Administrator	Data Management	USN-10	As an admin, I can upload and update toy sales datasets.	Updated data reflects accurately in the dashboard.	High	Sprint-1
Administrator	User Access Management	USN-11	As an admin, I can approve or block user registrations.	Admin panel shows user status and allows changes.	Medium	Sprint-2